

12. SYSTEM SPECIFICATION

Transmitter Unit

Source Voltage	:	Ni-MH AA size x 2 battery 2.4V (no contact charging) Or AA alkaline x 2 batteries 3.0V
Antenna Impedance	:	Internal Antenna 50 ohms. External antenna is available.
Dimension	:	604 Models : 140mm x 68mm x 30mm 607, 608 Models: 189mm x 68mm x 30mm 612 Models : 235mm x 68mm x 30mm
Weight	:	604 Models : 220g (include batteries) 607, 608 Models: 280g (include batteries) 612 Models : 350g (include batteries)
Enclosure Rating	:	IP-65
Operating Temperature	:	-10 ~ +60°C (> 80°C high temperature protection)
Transmitting Power Consumption	:	< 20mA @ 3.5V (Various from encoding mode and transmitting power)
Continue Operating Time	:	> consecutive 100hrs @batteries full (2000mA), Band 433MHz, Transmitting Power 1mW
LV Voltage	:	2.2V – 1.8V

Transmitting RF Board Unit

Frequency Range	:	433 MHz
Transmitting Power	:	0.1 mW – 10mW
Frequency Control	:	VTCXO (PLL)
Frequency Deviation	:	< 1ppm @ 25°C
Spurious Emission	:	< - 50dB
Emission	:	F1D
Antenna Impedance	:	50 ohms
Operating Temperature	:	-10°C ~ +60°C
LV Voltage	:	2.2V – 1.8V

Charger Unit

Dimension	:	120mm x 105mm x 105mm
Voltage	:	100~240V 50/60Hz
Power Consumption	:	Max 10 Watt
Operating Temperature	:	0°C ~ +40°C
Heat Ventilation	:	Temperature Control Fan
Charging Current	:	About 600mA @3V
Charging Time	:	About 3hrs @2000mA
Charging Detection	:	- Δ V + Temperature